to said web (5) and has an at least partially arcuate shape in the travel direction of said web (5), whereby the measured pressure of said air cushion is proportional to the tension of said web (5).

6. Method according to claim 1, characterized in that the web (5) being calendered is severed with the help of an air-jet cutting device when a decision-making algorithm monitoring the tension profile of said web (5) interprets the detected situation to be caused by a web break or other damaged area of the web (5) that necessitates the opening of the nips (9, 10).

9. Assembly according to claim 7, characterized in that said gauging device (8) is located at a point after said calender nip (9, 10) downstream in regard to the travel direction of the web (5).

10. Assembly according to claim 7, characterized in that said gauging device (6, 7, 8) is a gauging bar shaped to have an at least partially arcuate surface in the travel direction of said web (5) and has pressure sensors adapted to holes made thereon.

11. Assembly according to claim 7, characterized in that one of the members (1, 2; 3, 4) forming said calender nip (9, 10) is metal-surfaced roll and the other one is soft-coated roll.

12. Assembly according to claim 7, characterized by an air-jet cutting device adapted to perform the severing of said web (5) being calendered at the instant the decision-making algorithm monitoring interprets the situation to be a web break or a so extensively damaged area of the web (5) that requires the opening of the nips (9, 10).